

AMENDMENTS TO THE CLAIMS

Please amend claims 1, 3, 4, 10 and 18 as indicated below.

Please cancel claims 2, 8, 9 and 23.

Listing of Claims

1. (Currently Amended) A medical tool comprising

a central body having an in vivo inserted end and a non inserted end,

~~wherein at least one functional unit for performing an in vivo procedure, and at least one imaging unit are integrated in said central body at said in vivo inserted end;~~

~~wherein said imaging unit comprises~~

~~said non inserted end comprising an internal power source and a control unit for controlling the movement of said in-vivo inserted end, and~~

~~said in-vivo inserted end comprising:~~

~~a single dome-shaped window,~~

~~a lens and an optical system situated behind said single dome-shaped window,~~

~~an illumination source situated behind said dome-shaped window and providing illumination therethrough, said dome-shaped window having a convex shape and providing a space behind said window and within said convex shape, and~~

~~wherein the image sensor, the lens and the illumination source are situated behind the single dome-shaped window and within said space, such that the illumination source provides illumination through the dome-shaped window, and the~~

~~an image sensor captures for obtaining in-vivo image information by capturing light reflected from an in vivo object through the dome-shaped window and the lens~~

~~said optical system; and~~

~~a wireless transmitter for wirelessly transmitting said in-vivo image information to an external receiver.~~

2. (Cancelled)

3. (Currently Amended) The tool according to claim 1, said tool including being comprised of silicon, plastic or metal.

APPLICANT(S): GILREATH, Mark G. et al.

SERIAL NO.: 10/617,372

FILED: July 11, 2003

Page 3

4. (Currently Amended) The tool according to claim 1 wherein the functional unit said non inserted and further comprises one or more elements selected from the group consisting of: graspers, blades, clamps, tissue collecting baskets, means for delivering treatment, stents, forceps, snares, hemostasis devices, dilatation balloons, catheters, sphincterotomes, guidwires, and suturing devices and any combination thereof.

5-6. (Canceled)

7. (Previously Presented) The tool according to claim 1 wherein the illumination source is an LED.

8. (Canceled)

9. (Canceled)

10. (Currently Amended) The tool according to ~~claim 8~~ claim 1 wherein the transmitter is an RF transmitter.

11. (Previously Amended) The tool according to claim 1 comprising a channel, wherein said channel passes through at least the central body.

12-17. (Canceled)

18. (Currently Amended) A system for performing in vivo procedures, said system comprising:

a tool according to ~~claim 8~~ claim 1; and
a receiver comprising a recording mechanism.

19. (Original) The system according to claim 18 comprising a monitor in communication with the receiver for displaying in vivo-information.

20. (Original) The system according to claim 18 comprising a processor for processing in vivo information.

21-22. (Canceled)

23. (Canceled)

24. (Canceled)